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	1.	A	programming	interface	embodied	on	one	or	more	compute
readab	le me	dia,	comprising:							

- a first group of services related to re-usable user interface controls;
- a second group of services related to user interface dialogs and user interface wizards;
- a third group of services related to extending the user interface functionality; and
- a fourth group of services related to extending functionality of a desktop of the user interface.
- 2. A programming interface as recited in claim 1, wherein the first group of services includes:
 - a first control that encapsulates a storage user experience;
- a second control that allows an item to be displayed in an applicationdefined manner;
 - a third control that allows items to be added to a sidebar of the desktop;
 - a fourth control that allows items to be added to a list; and
 - a fifth control that allows preview images of items to be displayed.
- 3. A programming interface as recited in claim 1, wherein the second group of services includes:
 - a first dialog to allow files and folders to be opened and saved;
 - a first wizard to allow optical discs to be written to; and

a second wizard to facilitate sending images by electronic mail.

- A programming interface as recited in claim 1, wherein the third
 - a first functionality to allow additions to context menus;
- a second functionality to allow identification of application-defined
- a third functionality to allow calculations to be performed when displaying information regarding one or more files or folders.
- A programming interface as recited in claim 1, wherein the fourth
 - a first functionality to allow a sidebar to be displayed on the desktop; and

means for exposing a first set of functions that enable re-usable controls of

means for exposing a second set of functions that enable re-usable dialogs of the user interface and re-usable wizards of the user interface; and

means for exposing a third set of functions that enable extending functionality of a desktop of the user interface.

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7. A system as recited in claim 6, further comprising:

means for exposing a fourth set of functions that enable extending functionality of the user interface.

8. A system as recited in claim 7, wherein the means for exposing the fourth set of functions comprises:

means for exposing one or more functions to allow additions to context menus;

means for exposing one or more functions to allow identification of application-defined thumbnails; and

means for exposing one or more functions to allow calculations to be performed when displaying information regarding one or more files or folders.

9. A system as recited in claim 6, wherein the means for exposing the first set of functions comprises:

means for exposing one or more functions that encapsulate a storage user experience;

means for exposing one or more functions that allow an item to be displayed in an application-defined manner;

means for exposing one or more functions that allow items to be added to a sidebar of the desktop;

means for exposing one or more functions that allow items to be added to a list; and

means for exposing one or more functions that allow preview images of items to be displayed.

10. A system as recited in claim 6, wherein the means for exposing the second set of functions comprises:

means for exposing one or more functions that allow files and folders to be opened and saved;

means for exposing one or more functions that allow optical discs to be written to; and

means for exposing one or more functions that allow images to be sent by electronic mail to be re-sized.

11. A system as recited in claim 6, wherein the means for exposing the third set of functions comprises:

means for exposing one or more functions that allow a sidebar to be displayed on the desktop; and

means for exposing one or more functions that allow application-defined notifications to be displayed on the desktop.

12. A method of organizing a set of types for a user interface into a hierarchical namespace comprising:

creating a plurality of groups from the set of types, each group containing at least one type that exposes logically related functionality;

assigning a name to each group in the plurality, wherein one of the groups in the plurality includes functionality related to re-useable user interface controls, and wherein another of the groups in the plurality includes functionality related to re-useable user interface dialogs and re-useable user interface wizards; and

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selecting a top level identifier and prefixing the name of each group with the top level identifier so that the types in each group are referenced by a hierarchical name that includes the selected top level identifier prefixed to the name of the group containing the type.

- 13. A method as recited in claim 12, wherein yet another of the groups in the plurality includes functionality related to extending user interface functionality.
- 14. A method as recited in claim 13, wherein the functionality related to extending user interface functionality comprises:
 - a first functionality to allow additions to context menus;
 - a second functionality to allow application-identification of thumbnails; and
- a third functionality to allow calculations to be performed when displaying information regarding one or more files or folders.
- 15. A method as recited in claim 13, wherein the assigning comprises assigning a name of Addin to the group that includes functionality related to extending user interface functionality so that the hierarchical name for the group that includes functionality related to extending user interface functionality is System. Windows. Explorer. Addin.

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- 16. A method as recited in claim 12, wherein yet another of the groups in the plurality includes functionality related to extending functionality of a user interface desktop.
- 17. A method as recited in claim 16, wherein the functionality related to extending functionality of a user interface desktop comprises:
 - a first functionality to allow a sidebar to be displayed on the desktop; and
- a second functionality to allow application-defined notifications to be displayed on the desktop.
- 18. A method as recited in claim 16, wherein the assigning comprises assigning a name of Desktop to the group that includes functionality related to extending functionality of a user interface desktop so that the hierarchical name for the group that includes functionality related to extending functionality of a user interface desktop is System. Windows. Explorer. Desktop.

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19. A method as recited in claim 12, wherein the assigning comprises assigning a name of Controls to the group that includes functionality related to reusable user interface controls so that the hierarchical name for the group that includes functionality related to re-usable user interface controls System. Windows. Explorer. Controls, and assigning a name of Dialogs to the group that includes functionality related to re-useable user interface dialogs and reuseable user interface wizards so that the hierarchical name of the group that includes functionality related to re-useable user interface dialogs and re-useable user interface wizards is System. Windows. Explorer. Dialogs.

20. A method as recited in claim 12, wherein the functionality related to re-useable user interface controls comprises:

a first control that encapsulates a storage user experience;

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a second control that allows an item to be displayed in an applicationdefined manner;

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a third control that allows items to be added to a list; and

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a fourth control that allows preview images of items to be displayed.

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21. A method as recited in claim 12, wherein the functionality related to re-useable user interface dialogs and re-useable user interface wizards comprises:

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a first dialog to allow files and folders to be opened and saved;

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a first wizard to allow optical discs to be written to; and

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a second wizard to facilitate sending images by electronic mail.

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22.	A method.	comprising:
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creating a first namespace with functions that enable extending functionality of a user interface; and

creating a second namespace with functions that enable extending functionality of a desktop of the user interface.

23. A method as recited in claim 22, further comprising:

creating a third namespace with functions that enable re-usable user interface controls.

24. A method as recited in claim 23, wherein the third namespace includes:

a first control that encapsulates a storage user experience;

a second control that allows an item to be displayed in an applicationdefined manner;

a third control that allows items to be added to a sidebar of the desktop;

a fourth control that allows items to be added to a list; and

a fifth control that allows preview images of items to be displayed.

25. A method as recited in claim 22, further comprising:

creating a third namespace with functions that enable user interface dialogs and user interface wizards;

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26.	A	method	as	recited	in	claim	25,	wherein	the	third	namespace
includes:											

- a first dialog to allow files and folders to be opened and saved;
- a first wizard to allow optical discs to be written to; and
- a second wizard to facilitate sending images by electronic mail.
- 27. A method as recited in claim 22, wherein the first namespace includes:
 - a first functionality to allow additions to context menus;
- a second functionality to allow identification of application-defined thumbnails; and
- a third functionality to allow calculations to be performed when displaying information regarding one or more files or folders.
- 28. A method as recited in claim 22, wherein the second namespace includes:
 - a first functionality to allow a sidebar to be displayed on the desktop; and
- a second functionality to allow application-defined notifications to be displayed on the desktop.

29. A method comprising:

calling one or more first functions to use controls of a user interface; and calling one or more second functions to extend functionality of the user interface.

30. A method as recited in claim 29, further comprising: calling one or more third functions to extend functionality of a desktop of the user interface.

31. A method as recited in claim 30, wherein the functions to extend functionality of the desktop include:

one or more functions to allow a sidebar to be displayed on the desktop; and

one or more functions to allow application-defined notifications to be displayed on the desktop.

32. A method as recited in claim 29, further comprising:

calling one or more third functions to use dialogs and wizards of the user interface.

33. A method as recited in claim 32, wherein the functions to use dialogs and wizards of the user interface include:

one or more functions to use a dialog to allow files and folders to be opened and saved;

one or more functions to use a wizard to allow optical discs to be written to; and

one or more functions to use another wizard to facilitate sending images by electronic mail.

34. A method as recited in claim 29, wherein the functions to use controls of the user interface include:

one or more functions that encapsulate a storage user experience;

one or more functions that allow an item to be displayed in an applicationdefined manner;

one or more functions that allow items to be added to a list; and one or more functions that allow preview images of items to be displayed.

35. A method as recited in claim 29, wherein the functions to extend functionality of the user interface include:

one or more functions to allow additions to context menus;

one or more functions to allow identification of application-defined thumbnails; and

one or more functions to allow calculations to be performed when displaying information regarding one or more files or folders.

36. A method, comprising:

receiving one or more calls to one or more first functions to use controls of a user interface; and

receiving one or more calls to one or more second functions to extend functionality of a desktop of the user interface.

37. A method as recited in claim 36, further comprising:

receiving one or more calls to one or more third functions to extend functionality of the user interface.

38. A method as recited in claim 37, wherein the functions to extend functionality of the user interface include:

one or more functions to allow additions to context menus;

one or more functions to allow identification of application-defined thumbnails; and

one or more functions to allow calculations to be performed when displaying information regarding one or more files or folders.

39. A method as recited in claim 36, further comprising:

receiving one or more calls to one or more third functions to use dialogs and wizards of the user interface.

40. A method as recited in claim 39, wherein the functions to use dialogs and wizards of the user interface include:

one or more functions to use a dialog to allow files and folders to be opened and saved;

one or more functions to use a wizard to allow optical discs to be written to; and

one or more functions to use another wizard to facilitate sending images by electronic mail.

41. A method as recited in claim 36, wherein the functions to use controls of the user interface include:

one or more functions that encapsulate a storage user experience;

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one or more functions that allow an item to be displayed in an applicationdefined manner;

one or more functions that allow items to be added to a sidebar of the desktop;

one or more functions that allow items to be added to a list; and one or more functions that allow preview images of items to be displayed.

42. A method as recited in claim 36, wherein the functions to extend functionality of the desktop include:

one or more functions to allow a sidebar to be displayed on the desktop; and

one or more functions to allow application-defined notifications to be displayed on the desktop.